## **EAST Search History**

## **EAST Search History (Prior Art)**

Ref#	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	1	"10580855"	US-PGPUB; USPAT	OR	ON	2009/08/24 17:24
S2	1	((JUAN) near2 ("SANCHEZ RECIO")).INV.	US-PGPUB; USPAT	OR	ON	2009/08/24 17:25
S3	1	((JOSE) near2 ("SANCHO MARTINEZ")).INV.	US-PGPUB; USPAT	OR	ON	2009/08/24 17:25
S4	1	((JUAN) near2 ("SANCHEZ RECIO")).INV.	EPO; JPO; DERWENT	OR	ON	2009/08/24 17:26
S5	1	((JOSE) near2 ("SANCHO MARTINEZ")).INV.	EPO; JPO; DERWENT	OR	ON	2009/08/24 17:26
S6	3	"5725632"	US-PGPUB; USPAT	OR	ON	2009/08/25 09:22
S7	4	("4087276"   "5232488"). PN. OR ("5725632").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/08/25 09:23
S8	0	("catedra de metalurgia"). as.	US-PGPUB; USPAT	OR	ON	2009/08/25 09:26
S9	29	("metalurgia").as.	US-PGPUB; USPAT	OR	ON	2009/08/25 09:26
S10	7	("universidad de oviedo"). as.	US-PGPUB; USPAT	OR	ON	2009/08/25 09:28
S11	0	("universidad de oviedo"). as.	EPO; JPO; DERWENT	OR	ON	2009/08/25 09:29
S12	0	("universidad de oviedo")	EPO; JPO; DERWENT	OR	ON	2009/08/25 09:29
S13	160	("oviedo").as.	EPO; JPO; DERWENT	OR	ON	2009/08/25 09:29
S14	5	("ferroatlantica").as.	EPO; JPO; DERWENT	OR	ON	2009/08/25 09:30
S15	2	("ferroatlantica").as.	US-PGPUB; USPAT	OR	ON	2009/08/25 09:30
S16	1	("oviedo").as. and manganese	EPO; JPO; DERWENT	OR	ON	2009/08/25 09:32
S17	21721	manganese and (ferroalloy or waste)	US-PGPUB; USPAT	OR	ON	2009/08/25 10:04
S18	23588	manganese and (ferroalloy or waste or sludge)	US-PGPUB; USPAT	OR	ON	2009/08/25 10:04
S19	23861	manganese and (ferroalloy or waste or sludge or ferromanganese or silicomanganese)	US-PGPUB; USPAT	OR	ON	2009/08/25 10:04

S20	428	manganese and (ferroalloy or waste or sludge or ferromanganese or silicomanganese) and (ferromanganese or silicomanganese)	US-PGPUB; USPAT	OR	ON	2009/08/25 10:05
S21	405	manganese and (ferroalloy or waste or sludge or ferromanganese or silicomanganese) and (ferromanganese) and silicomanganese) and @py<"2007"	US-PGPUB; USPAT	OR	ON	2009/08/25 10:05
S22	254	manganese and (ferroalloy or waste or sludge or ferromanganese or silicomanganese) and (ferromanganese or silicomanganese) and electro\$9	US-PGPUB; USPAT	OR	ON	2009/08/25 10:06
S23	148	manganese and (ferroalloy or waste or sludge or ferromanganese or silicomanganese) and (ferromanganese) and silicomanganese) and electro\$9 and sul\$9	US-PGPUB; USPAT	OR	ON	2009/08/25 10:11
S24	4	(("2511507") or ("2483287") or ("2347451") or ("2343293")).PN.	US-PGPUB; USPAT	OR	OFF	2009/08/25 10:15
S25	0	"528.112"	EPO; JPO; DERWENT	OR	ON	2009/08/25 10:18
S26	13	"528112"	EPO; JPO; DERWENT	OR	ON	2009/08/25 10:18
S27	0	"improvements in the electrolytic production of manganese"	EPO; JPO; DERWENT	OR	ON	2009/08/25 10:19
S28	0	("improvements in the electrolytic production of manganese").ti.	EPO; JPO; DERWENT	OR	ON	2009/08/25 10:19
S29	0	(improvements with electrolytic with production with manganese).ti.	EPO; JPO; DERWENT	OR	ON	2009/08/25 10:20
S30	164	(electrolytic with production with manganese).ti.	EPO; JPO; DERWENT	OR	ON	2009/08/25 10:20
S31	0	(electrolytic with production with manganese with improvement).ti.	EPO; JPO; DERWENT	OR	ON	2009/08/25 10:20

S32	0	(electrolytic with production with manganese with improvment).ti.	EPO; JPO; DERWENT	OR	ON	2009/08/25 10:20
S33	0	(electrolytic with production with manganese with improvements).ti.	EPO; JPO; DERWENT	OR	ON	2009/08/25 10:20
S34	4	(electrolytic with production with manganese with improve \$5).ti.	EPO; JPO; DERWENT	OR	ON	2009/08/25 10:20
S35	164	(electrolytic with production with manganese).ti.	EPO; JPO; DERWENT	OR	ON	2009/08/25 10:21
S36	1	"4224119"	US-PGPUB; USPAT	OR	ON	2009/08/25 13:05
S37	5	("0704393"   "3018233"   "4010236").PN. OR ("4224119").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/08/25 13:05
S38	8	"3900385"	US-PGPUB; USPAT	OR	ON	2009/08/25 13:12
S39	113	205/573.cdls.	US-PGPUB; USPAT	OR	ON	2009/08/25 13:52
S40	13	("2853444"   "2888390"   "2978394"   "3034973"   "3696011"   "3821096"). PN. OR ("4149944").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/08/25 14:13
S41	3	"2739116"	US-PGPUB; USPAT	OR	ON	2009/08/25 14:13
S42	3178	((sulphat\$3 or sulfat\$3) with manganese) and (furnace or oven or heater or stove)	US-PGPUB; USPAT	OR	ON	2009/08/26 10:55
S43	153	((sulphat\$3 or sulfat\$3) with manganese) same (furnace or oven or heater or stove)	US-PGPUB; USPAT	OR	ON	2009/08/26 10:55
S44	136	((sulphat\$3 or sulfat\$3) with manganese) same (furnace or oven or heater or stove) and @py<"2007"	US-PGPUB; USPAT	OR	ON	2009/08/26 10:55
S45	3	((sulphat\$3 or sulfat\$3) with manganese) same (furnace or oven or heater or stove) and @py<"2007" and (ferroalloy or ferromanganese or siliconmanganese)	US-PGPUB; USPAT	OR	ON	2009/08/26 10:56

S46	136	((sulphat\$3 or sulfat\$3) with manganese) same (furnace or oven or heater or stove) and @py<"2007"	US-PGPUB; USPAT	OR	ON	2009/08/26 10:58
S47	14	((sulphat\$3 or sulfat\$3) with manganese with (acid or sulphuric or sulfuric or "H2.sub.SO4")) same (furnace or oven or heater or stove) and @py<"2007"	US-PGPUB; USPAT	OR	ON	2009/08/26 11:03
S48	658	((sulphat\$3 or sulfat\$3) with manganese with (acid or sulphuric or sulfuric or "H2.sub.SO4")) and (furnace or oven or heater or stove) and @py<"2007"	US-PGPUB; USPAT	OR	ON	2009/08/26 11:07
S49	863	((sulphat\$3 or sulfat\$3) with manganese with (acid or sulphuric or sulfuric or "H2.sub.SO4")) and (furnace or oven or heater or stove) and @py<"2007"	US-PGPUB; USPAT; USOCR	OR	ON	2009/08/26 11:07
S50	107	((sulphat\$3 or sulfat\$3) with manganese with (acid or sulphuric or sulfuric or "H2.sub.SO4")) same (furnace or oven or heater or stove) and @py<"2007"	US-PGPUB; USPAT; USOCR	OR	ON	2009/08/26 11:08
S51	1	kasimov.as.	US-PGPUB; USPAT	OR	ON	2009/08/26 11:47
S52	0	(acid with leach\$3) same ((base or antacid) with (coated near2 (reactor or container)))	US-PGPUB; USPAT	OR	ON	2009/08/26 16:01
S53	0	(leach\$3) same ((base or antacid) with (coated near2 (reactor or container)))	US-PGPUB; USPAT	OR	ON	2009/08/26 16:02
S54	0	(leach\$3) same ((base or antacid) with (coat\$3 near2 (reactor or container)))	US-PGPUB; USPAT	OR	ON	2009/08/26 16:02
S55	1	(coat\$3 near2 (reactor or container)) same (leach\$3) same (base or antacid)	US-PGPUB; USPAT	OR	ON	2009/08/26 16:02
S56	59571	(leach\$3 or lixiviat\$3)	US-PGPUB; USPAT	OR	ON	2009/08/26 16:03
S57	6897	(leach\$3 or lixiviat\$3) and manganese	US-PGPUB; USPAT	OR	ON	2009/08/26 16:03

S58	1119	(leach\$3 or lixiviat\$3) and manganese and (coat\$3 with (bas\$2 or antacid))	US-PGPUB; USPAT	OR	ON	2009/08/26 16:04
S59	21	(leach\$3 or lixiviat\$3) and manganese and ((coat\$3 with (bas\$2 or antacid)) with (reactor or container))	US-PGPUB; USPAT	OR	ON	2009/08/26 16:05
S60	22	(leach\$3 or lixiviat\$3) and manganese and ((coat\$3 with (bas\$2 or antacid)) with (reactor or container))	US-PGPUB; USPAT; USOCR	OR	ON	2009/08/26 16:06
S61	3	(acid with (leach\$3 or lixiviat\$3)) and manganese and ((coat\$3 with (bas\$2 or antacid)) with (reactor or container))	US-PGPUB; USPAT; USOCR	OR	ON	2009/08/26 16:09
S62	9	(acid with (leach\$3 or lixiviat\$3)) and ((coat\$3 with (bas\$2 or antacid)) with (reactor or container))	US-PGPUB; USPAT; USOCR	OR	ON	2009/08/26 16:09
S63	373	(acid with (leach\$3 or lixiviat\$3)) with (reactor or container)	US-PGPUB; USPAT; USOCR	OR	ON	2009/08/26 16:11
S64	0	(acid with (leach\$3 or lixiviat\$3)) with (reactor or container) and antacid	US-PGPUB; USPAT; USOCR	OR	ON	2009/08/26 16:11
S65	287	(acid with (leach\$3 or lixiviat\$3)) with (reactor or container) and bas\$2	US-PGPUB; USPAT; USOCR	OR	ON	2009/08/26 16:11
S66	55	(acid with (leach\$3 or lixiviat\$3)) with (reactor or container) same bas\$2	US-PGPUB; USPAT; USOCR	OR	ON	2009/08/26 16:11
S67	116	(acid with (leach\$3 or lixiviat\$3)) with (reactor or container or vessel) same bas\$2	US-PGPUB; USPAT; USOCR	OR	ON	2009/08/26 16:13
S68	217	(acid with (leach\$3 or lixiviat\$3)) with (reactor or container or vessel or tank) same bas\$2	US-PGPUB; USPAT; USOCR	OR	ON	2009/08/26 16:17
S69	41	(acid with (leach\$3 or lixiviat\$3)) with (reactor or container or vessel or tank) same (bas\$2 with (coat\$3 or treat\$4))	US-PGPUB; USPAT; USOCR	OR	ON	2009/08/26 16:17

S70	43	(acid with (leach\$3 or lixiviat\$3)) with (reactor or container or vessel or tank) same ((bas\$2 or "acid resistant") with (coat \$3 or treat\$4))	US-PGPUB; USPAT; USOCR	OR	ON	2009/08/26 16:32
S71	44	(acid with (leach\$3 or lixiviat\$3)) with (reactor or container or vessel or tank) same ((bas\$2 or "acid resistant") with (coat \$3 or treat\$4 or lining))	US-PGPUB; USPAT; USOCR	OR	ON	2009/08/26 16:32

## **EAST Search History (Interference)**

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